

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A modified Ca²⁺-binding polypeptide comprising
 - a) a first chromophor of a donor-acceptor-pair for FRET (Fluorescence Resonance Energy Transfer),
 - b) a Ca²⁺-binding polypeptide with an identity of at least 80% to a 30 amino acid long polypeptide sequence of human troponin C or chicken skeletal muscle troponin C or drosophila troponin C isoform 1, and
 - c) a second chromophore of a donor-acceptor-pair for FRET.
2. – 26. (Canceled)